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## PATENT ABSTRACTS OF JAPAN

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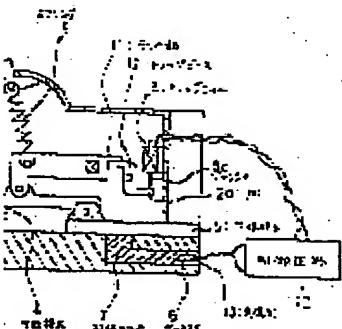
## (54) OVERLOAD PROTECTION DEVICE FOR SWITCH

(57) Abstract:

PURPOSE: To ensure effective implementation of

overload protection by installing a non-mechanical thermosensitive element enclosed in an insulating body having a high rate of thermal conductivity close to a main circuit conductor and controlling circuit breaking through detection output of the thermosensitive element.

CONSTITUTION: A thermistor 6 that senses temperature without any mechanical action is embedded in an insulation block 7 with high rate of thermal conductivity, and is installed close to a main circuit and separately from a frame 1 on which an upper terminal 2 and a



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